

Karteek Edamadaka

Technical Architect

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Technical Architect with over 7 years experience in designing and building next generation Web 2.0 style collaboration platforms in the Enterprise. Extensive experience in accelerated development of web applications using Ruby on Rails and High Available deployments on the cloud. In-depth knowledge of Linux and various open source tools.

Skill Set

Amazon Web Services, Linux, Ruby on Rails, Enterprise Architecture, High Availability, Apache httpd, nginx, HAProxy, Heroku, git, MySQL, PostgreSQL, MongoDB, Redis, Elastic Search, Solr, jQuery, CSS, Web Application Security, Python, Drupal, Java, go, Google App Engine, Capistrano, node.js, PHP, GlusterFS

Professional Experience

Tata Consultancy Services: Feb 2006 - Present

Education

Bachelor of Engineering in Computer Science and Engineering from Jawaharlal Nehru Technological University, Hyderabad

Projects

Knome

Technical Architect

Singapore/Chennai
Jan 2011 - Present

Knome is the internal Social Network which engages more than 2,70,000 employees of TCS.

I architected Knome and overlooked its development. I also setup a Highly Available production environment, adopting a continuous software delivery model and embracing the perpetual beta paradigm.

I've also worked on customization and High Availability deployment of Knome for several TCS Clients on multiple cloud service providers.

SMU-TCS iCity Innovation Lab

Technical Architect

Singapore
Dec 2011 - Jan 2013

SMU-TCS iCity Lab is a joint initiative between TCS and Singapore Management University. The lab lays the foundation for the research and development of cloud-based IT solutions for intelligent cities in Asia and Worldwide.

I was responsible for setting up the lab operations in SMU for TCS. I also worked on the design and development of TCS iCity Framework and rapid prototyping of intelligent city solutions in the context of real-world scenarios.

TCS Innovation Labs – Web 2.0

Research Team Lead

Chennai
Nov 2007 – Dec 2011

TCS Innovation Labs – Web 2.0 is one of the 20 Innovation Labs in TCS. It focuses on emerging Internet trends, Web 2.0 and Enterprise 2.0.

The lab works on several Web 2.0 platforms such as Facebook APIs, OpenSocial, and other tools like wikis and blogs. The lab also builds custom enterprise/vertical specific 2.0 tools that leverage viral and social effects to increase adoption and stickiness.

My specific area of expertise has been in the technical aspects of Web 2.0 collaboration platforms for the Enterprise and their security. This includes wiki platforms, social software and signaling concepts such as PubSub, RSS, ATOM etc.

Tubaloo

Technical Lead

Santiago
Apr 2009 – Jul 2009

Tubaloo is a worldwide VoIP service provider. The flagship product is the Tubaloo app for Android OS. I worked on creating a customized Android distribution as well as VOIP application for Tubaloo.

TCS Innovation Labs - Telecom

Developer

Chennai
Apr 2006 – Nov 2007

TCS Telecom Innovation Lab is one of the research labs of TCS that focuses on customer experience. It works with the ideology of transforming Telecom as a Horizontal and creates various prototypes that address to the niche segments across different industry domains like Telecom, Retail, Insurance, Banking and Travel. As a developer, I created several prototypes for TCS Customer Experience centers for Telecom, Retail and Travel industry domains.